Appl. No. 10/052,282
Amdt. sent August 5, 2005
Reply to Office Action of February 10, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently amended) A method for operating a service device to provide a service comprising:

detecting a request from a requesting device to provide said service;

obtaining peripheral information relating to one or more peripheral devices, said peripheral devices being within a predetermined distance of said service device; and

providing said service depending on said peripheral information,

~~The method of claim 1~~ wherein said providing said service is further dependent on history information relating to one or more of said requesting device, a user of said requesting device, said service device, and said peripheral devices ~~a time of detection of said request~~.

3. (Currently amended) A method for operating a service device to provide a service comprising:

detecting a request from a requesting device to provide said service;

obtaining peripheral information relating to one or more peripheral devices, said peripheral devices being within a predetermined distance of said service device; and

providing said service depending on said peripheral information,

~~The method of claim 1~~ wherein said peripheral information includes information relating to positions of said peripheral devices relative to said service device, the information relating to positions determined using an infrared contact sensor.

4. (Original) The method of claim 3 wherein said peripheral information further includes information relating to whether one of said peripheral devices is within said predetermined distance of said service device.

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1   5.   (Currently amended) The method of claim [[1]] 2 or claim 3 wherein said

2 peripheral information for each of said peripheral devices is obtained from said peripheral device

3 or from a data store separate from said service device.

        6.   (Canceled)

1   7.   (Currently amended) A method for operating a service device to provide a

2 service comprising:

3   detecting a request from a requesting device to provide said service;

4   obtaining peripheral information relating to one or more peripheral devices, said

5 peripheral devices being within a predetermined distance of said service device;

6   providing said service depending on said peripheral information; and

7   The method of claim 1 further including obtaining second peripheral information

8 relating to positions of one or more second peripheral devices relative to said requesting device,

9 the second peripheral information determined using an infrared contact sensor.

1   8.   (Original) The method of claim 7 wherein said second peripheral

2 information further includes information relating to whether one of said one or more second

3 peripheral devices is within a second predetermined distance from said requesting device.

1   9.   (Original) The method of claim 7 wherein said second peripheral

2 information for each of said second peripheral devices is obtained from said each second

3 peripheral device or from a data store separate from said each second peripheral device.

1   10.   (Original) The method of claim 7 wherein said second peripheral

2 information includes information relating to whether one of said second peripheral devices is

3 within said second predetermined distance from said requesting device.

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1   11.   (Currently amended) The method of claim [[1]] 2 or claim 3 further

2   including obtaining at said service device second peripheral information independently of

3   obtaining a request from said requesting device, said second peripheral information relating to

4   one or more second peripheral devices.

1   12.   (Currently amended) The method of claim [[1]] 2 or claim 3 wherein said

2   request includes user information indicative of a user of said requesting device, said step of

3   providing further dependent on said user information.

1   13.   (Currently amended) The method of claim [[1]] 2 or claim 3 wherein said

2   obtaining peripheral information includes transmitting a peripheral information request for said

3   peripheral information.

1   14.   (Currently amended) The method of claim [[1]] 2 or claim 3 wherein said

2   obtaining peripheral information includes obtaining said peripheral information absent

3   transmitting a request for said peripheral information.

1   15.   (Currently amended) The method of claim [[1]] 2 or claim 3 further

2   including transmitting a request for access information and in response to said transmitting,

3   receiving said access information, said access information contained in a data store separate from

4   said service device and from said peripheral devices, said step of providing further being

5   dependent on said access information.

1   16.   (Currently amended) A method for operating a service device to provide a

2   service comprising:

3   detecting a request from a requesting device to provide said service;

4   obtaining peripheral information relating to one or more peripheral devices, said

5   peripheral devices being within a predetermined distance of said service device;

6   writing said peripheral device information into a database; and

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7   providing said service depending on history information relating to one or more of

8   said requesting device, a user of said requesting device, said service device, and said peripheral

9   devices.

10   ~~The method of claim 1 further including obtaining history information relating to~~

11   ~~one or more of said requesting device, a user of said requesting device, and said service device,~~

12   ~~said step of providing further being dependent on said history information.~~

        17.   (Canceled)

1   18.   (Currently amended) A method for operating a service device to provide a

2   service comprising:

3   detecting a request from a requesting device to provide said service;

4   obtaining peripheral information relating to one or more peripheral devices, said

5   peripheral devices being within a predetermined distance of said requesting device;

6   writing said peripheral device information into a database; and

7   providing said service depending on history information relating to one or more of

8   said requesting device, a user of said requesting device, said service device, and said peripheral

9   devices.

10   ~~The method of claim 17 further including obtaining history information relating to~~

11   ~~one or more of said requesting device, a user of said requesting device, and said service device,~~

12   ~~said step of providing further being dependent on said history information.~~

1   19.   (Currently amended) A method for operating a service device to provide a

2   service comprising:

3   detecting a request from a requesting device to provide said service;

4   obtaining peripheral information relating to one or more peripheral devices, said

5   peripheral devices being within a predetermined distance of said requesting device; and

6   providing said service depending on said peripheral information,

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7 ~~The method of claim 17~~ wherein said providing said service is further dependent

8 on <u>history information relating to one or more of said requesting device, a user of said requesting</u>

9 <u>device, said service device, and said peripheral devices</u> ~~a time of detection of said request~~.

1   20.   (Currently amended) <u>A method for operating a service device to provide a</u>

2 <u>service comprising:</u>

3   <u>detecting a request from a requesting device to provide said service;</u>

4   <u>obtaining peripheral information relating to one or more peripheral devices, said</u>

5 <u>peripheral devices being within a predetermined distance of said requesting device; and</u>

6   <u>providing said service depending on said peripheral information,</u>

7   ~~The method of claim 17~~ wherein said peripheral information includes information

8 relating to positions of said peripheral devices relative to said requesting device<u>, the information</u>

9 <u>relating to positions determined using a time difference between a first time at which said request</u>

10 <u>was sent from said requesting device and a second time at which said request was received by</u>

11 <u>said service device</u>.

1   21.   (Original) The method of claim 20 further including obtaining second

2 peripheral information relating to positions of one or more second peripheral devices relative to

3 said service device.

      22.   (Canceled)

1   23.   (Currently amended) <u>A service device for providing a service</u>

2 <u>comprising:</u>

3   <u>detector circuitry operable to detect a request from a requesting device to provide</u>

4 <u>said service;</u>

5   <u>control circuitry operable to obtain peripheral information relating to one or more</u>

6 <u>peripheral devices, said peripheral devices being within a predetermined distance of said service</u>

7 <u>device; and</u>

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8   access control circuitry operatively coupled to said control circuitry, said access

9   control circuitry operable to allow or disallow providing of said service depending on said

10   peripheral information,

11   ~~The device of claim 22~~ wherein said peripheral information includes information

12   relating to whether one of said peripheral devices is within said predetermined distance of said

13   service device, said information relating to distance determined using a time difference between

14   a first time at which said request was sent from said requesting device and a second time at

15   which said request was received by said service device.

1   24.   (Currently amended) The device of claim ~~22~~ 23 wherein said control

2   circuitry is further operable for communicating with a data store to obtain said peripheral

3   information for some of said peripheral devices, said data store being separate from said service

4   device.

        25.   (Canceled)

1   26.   (Currently amended) A service device for providing a service

2   comprising:

3   detector circuitry operable to detect a request from a requesting device to provide

4   said service;

5   control circuitry operable to obtain peripheral information relating to one or more

6   peripheral devices, said peripheral devices being within a predetermined distance of said service

7   device; and

8   access control circuitry operatively coupled to said control circuitry, said access

9   control circuitry operable to allow or disallow providing of said service depending on said

10   peripheral information,

11   ~~The device of claim 22~~ wherein said control circuitry is further operable to obtain

12   second peripheral information relating to one or more second peripheral devices within a second

13   predetermined distance from said requesting device, said second peripheral information

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14 determined using a time difference between a first time at which said request was sent from said

15 requesting device and a second time at which said request was received by said service device.

1   27.   (Original) The device of claim 26 wherein said second peripheral

2 information for each of said second peripheral devices is obtained from said each second

3 peripheral device or from a data store separate from said each second peripheral device.

1   28.   (Original) The device of claim 26 said control circuitry is further operable

2 to obtain additional information relating to whether one of said second peripheral devices is

3 within said second predetermined distance from said requesting device.

1   29.   (Currently amended) The device of claim ~~22~~ 23 wherein said control

2 circuitry is further operable to obtain second peripheral information independently of said

3 detector circuitry, said second peripheral information relating to one or more second peripheral

4 devices.

1   30.   (Currently amended) The device of claim ~~22~~ 23 wherein said request

2 includes user information indicative of a user of said requesting device, said access control

3 circuitry further being operable to allow or disallow providing of said service dependent on said

4 user information.

1   31.   (Currently amended) The device of claim ~~22~~ 23 wherein said control

2 circuit includes a communication portion operable to obtain said peripheral information by

3 transmitting a peripheral information request for said peripheral information.

1   32.   (Currently amended) The device of claim ~~22~~ 23 wherein said control

2 circuitry is further operable to obtain history information relating to one or more of said

3 requesting device, a user of said requesting device, and said service device, said access control

4 circuitry further operable to allow or disallow providing of said service dependent on said history

5 information.

         33-36. (Canceled)

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1   37.   (Currently amended) A service device for providing a service
2 comprising:
3   means for detecting a request from a requesting device to provide said service;
4   means for obtaining peripheral information relating to one or more peripheral
5 devices, said peripheral devices being within a predetermined distance of said service device;
6   means for providing said service depending on said peripheral information; and
7   ~~The method of claim 36 further including~~ means for obtaining second peripheral
8 information relating to one or more second peripheral devices within a second predetermined
9 distance from said requesting device, the second peripheral information determined using a time
10 difference between a first time at which said request was sent from said requesting device and a
11 second time at which said request was received by said means for obtaining peripheral
12 information.

1   38.   (Currently amended) A service device for providing a service comprising:
2   means for detecting a request from a requesting device to provide said service;
3   means for obtaining peripheral information relating to one or more peripheral
4 devices, said peripheral devices being within a predetermined distance of said service device;
5   means for writing said peripheral device information into a database; and
6   means for providing said service depending on history information relating to one
7 or more of said requesting device, a user of said requesting device, said service device, and said
8 peripheral devices.
9   ~~The method of claim 36 further including means for obtaining history information~~
10 ~~relating to one or more of said requesting device, a user of said requesting device, and said~~
11 ~~service device, said means for providing further being dependent on said history information.~~

    39.   (Canceled)

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1   40.   (New) A service device for providing a service comprising:

2   means for detecting a request from a requesting device to provide said service;

3   means for obtaining peripheral information relating to one or more peripheral

4 devices, said peripheral devices being within a predetermined distance of said requesting device;

5 and

6   means for providing said service depending on history information relating to one

7 or more of said requesting device, a user of said requesting device, said service device, and said

8 peripheral devices.

1   41.   (New) A service device for providing a service comprising:

2   means for detecting a request from a requesting device to provide said service;

3   means for obtaining peripheral information relating to one or more peripheral

4 devices, said peripheral devices being within a predetermined distance of said requesting device;

5 and

6   means for providing said service depending on said peripheral information,

7   wherein said peripheral information includes information relating to positions of

8 said peripheral devices relative to said service device, the information relating to positions

9 determined using an infrared contact sensor.